

IV. D. Types of ARARs

Types of ARARs

- Chemical-specific
- Location-specific
- Action-specific

Chemical-Specific ARARs

- Health- or risk- or technology-based numerical standards or methods for particular chemicals in environmental media
- In general, use most stringent ARAR for particular chemical

Types of ARARs



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Chemical-Specific ARARs

- What is the chemical-specific ARAR for groundwater seeping into surface water?
 - Criteria for groundwater ? (e.g., MCLs)
 - Criteria for surface water ? (e.g., AWQC)
 - Special criteria for groundwater seeps?
- Varies from state to state—read state regulations *carefully*

Types of ARARs

Location-Specific ARARs

- Requirements that limit concentration of hazardous substance or activity solely because of geographical location, land use or site characteristics
- May only apply to portion of site



Types of ARARs

Location-Specific ARARs

- Fish & Wildlife Coordination Act (16 USC 661 *et seq.*)

The effects of water-related projects on fish and wildlife resources must be considered. Action must be taken to prevent, mitigate, or compensate for project-related damages or losses to fish and wildlife resources.



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Location-Specific ARARs

- Aquatic Resource Alteration (TDEC Chap. 1200-4-7)

Must comply with the substantive requirements, as determined by TDEC, of the aquatic resource alteration permitting process

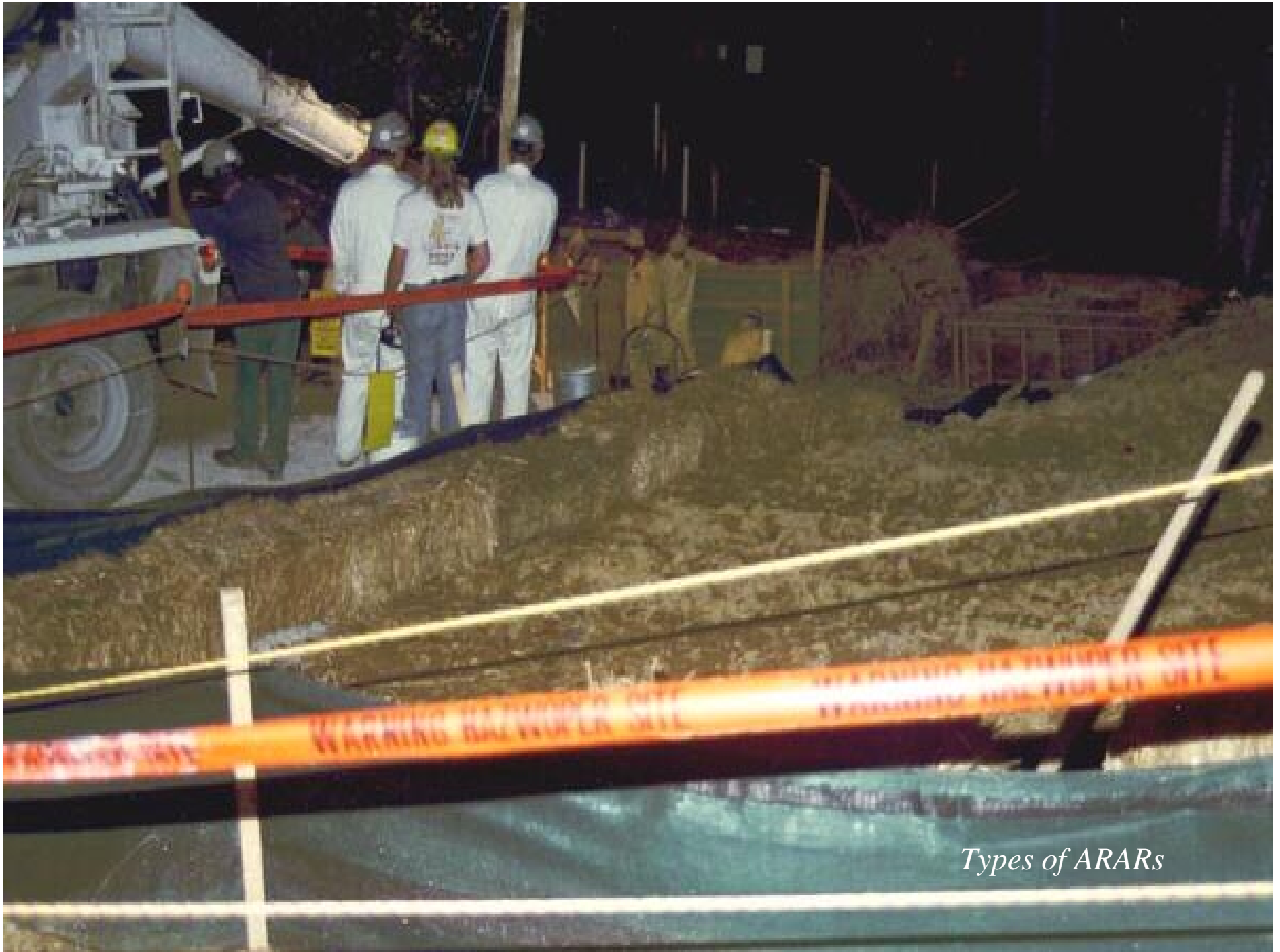
Action-Specific ARARs

- Requirements that establish performance or design standards or requirements for specific activities
- Triggered by the specific remedial response selected for a site

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Action-Specific ARARs

- Clean Water Act (40 CFR 122; TDEC Chap. 1200-4-10.05)

Implement good site planning and best management practices to control run-off from construction activities, to include...minimal clearing for grading and equipment operations, erosion and sediment control measures, structural controls required to control surface water runoff....

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Action-Specific ARARs

- Control of fugitive dust emissions (TDEC Chap. 1200-3-8-.01)

Take reasonable precautions to prevent particulate matter from becoming airborne; no visible emissions are permitted beyond property boundary lines for more than 5 min/hr or 20 min/day

Requirements that Are NOT ARARs

- NEPA requirements
- OSHA & worker protection requirements
- Natural resource damage assessment regulations



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OSHA & worker protection requirements are not ARARs!



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